

MES College of Engineering Pune-01
DEPARTMENT OF MECHANICAL ENGINEERING
Project group list-2018-19

SR NO.	NAME OF STUDENTS	NAME OF GUIDE	PROJECT TITLE	Sponsorship details	Project Category
1	Akshata Ambadas Waghmare	Dr. A A Keste	Augmentation of turbulent flow heat transfer in circular tube by using full length twisted tape and air as a working medium	Self	Research
	Pratiksha Arjun Karmakar				
	Preeti S. Dhavane				
	Swapnil Ashok Thorat				
2	Tate G S	Dr. V N Raibhole	Simulation of effect of breakage of primary suspension spring on off-loading of wheels	INDIAN RAILWAYS INSTITUTE OF CIVIL ENGINEERING PUNE-411001	Research
	Bade T N				
	Motegaonkar O B				
	Shejol P B				
3	Nidhi Tawar	Dr. S S Sarawade	Simulation of preheating temperature distribution during aluminothermic weld of rail	INDIAN RAILWAYS INSTITUTE OF CIVIL ENGINEERING PUNE-411001	Application
	Rakshanda Kulkarni				
	Bhupesh Mahale				
	Pranay Vegad				
4	Gawarshettiwar P N	Dr. S S Sarawade	Simulation of non-linear behaviour of elastic Rail clips and Rail pads used in Indian railway tracks	INDIAN RAILWAYS INSTITUTE OF CIVIL ENGINEERING PUNE-411001	Application
	Yeole Anup R				
	Patil Sumit A				
	Jain Shubham A				
5	Kunal Shegaokar	Dr. V N Chougule	Generation and Validation of Parametric Model using CAD Assisted Techniques	self	Design
	Abhishek Ashok tekade				
	Sahil Prashant Supekar				
	Patil Pramod Mahendra				
6	Shubham Bhandare	Dr V N Chougule	CFD Analysis of fluid flow through curved pipe with blockages	self	Research
	S R Thadani				
7	Ajinkya Batki	Dr. S H Gawande	Tribological investigations on the performance of lubricants used in gearbox of CNC bending machine	self	Research
	Vikramaditya Nanhai				
	Makrand Rathod				
	Yash patil				
8	Dhwanit Janardhan Mise	Mrs V J Sonawane	Design, development and performance evaluation of manual operated vegetable transplanter	self	manufacturing
	Shrinivas Nagesh Bhosale				
	Mahesh Rajendra Jadhav				
	Sanket Rajendra Huljute				
9	Ulkesh Karne	Mrs. V J sonawane	Investigation of heat transfer enhancement in a circular tube for forced convection turbulent region by using inserts	self	Research
	Raskar Ganesh				
	Waje Rahul				
	Mahale Harshal				
10	Rushijeah Vijaya Shinde	Dr. A Mitra	Design and Development of remotely controlled stress-strain measurement setup on IOT platform	self	Application
	Prasad Shrimati Pamu				
	Pranita khaire				
	Onkar Laxman Jaybave				
11	Saad Tabrez Sayed	Dr. A mitra	Analysis of vehicle passive suspension considering non-linear behavior of spring in quarter car test ring	self	Research
	Shiva Birbhan Singh				
	Shubham Maruti Yelgir				
	Rishikesh Pawar				
12	S. S pol	Mr. S P gadewar	Joining of industrial pure copper and aluminium AA1050 by friction stir welding	MESCOE	Research
	S T Banerjee				
	P G Devadkar				
	A D Sawant				
13	Prashant R kudale	Mr. S P gadewar	Design and Development of energy generation system using Resonating Vibrational energy	Self	Research
	Aditya S Joshi				
	Jaydeep D Chaukekar				
	Abhishek R Patil				
14	Gururaj Malgonda	Mr. A R patil	Experimental investigation on effect of Dimethyl Carbonate on CI engine performance and emission at various engine operating parameters	self	Research
	Bodhe Apurva Raj				
	Pratik Birje				
	Mohini Birajdar				
15	Pravin Ravindra khade	Mr. A R patil	Experimental investigation on effect of 2EHN on CI engine performance and emission at various engine operating parameters	self	Research
	Sachin kashinath Maske				
	Shubham Vijaya Jadhav				
	Shubham Shyamsundar kale				
16	Pranav Mahesh Bhuse	Mr. S D Wankhede	Theoretical and Numerical analysis of heat transfer through bellow	self	Research
	Rutwik Advait ghalke				
	Chetan Valmiki khaimar				
	Dipak Maruti khavale				
17	Akshay Sanjay Chemate	Mr. S D Wankhede	Design and Development of experimental setup for bellow thermal analysis	self	Research
	Nayan B Navale				
	Sahil L Tikkal				
	Yash H Chatur				
18	Piyush prem	Mr. Suhas S Jadhav	Design and Development of Friction Clutch Test Ring	MESCOE	Design
	Kartik Jadhav				
	Anay Milind karve				
	Parth Vinayak kurhe				
19	Akash Sadashiv kavitate	Mr. Suhas S Jadhav	Design and Development of automated vibration test ring	MESCOE	Design
	Akash Ashok Lawand				
	Ganesh Vitthal Dalvi				
	Wage Shubham				

20	Prathmesh Prakash Chikorde	Mr. K A Mahajan	Parametric Investigation of PMMA using Diamond Turning Process	self	Research
	Ankita Mukund Mandale				
	Sarthak Nitin Birari				
	Manoj Arjun Nawale				
21	Vishvanath R Joshi	Mr. K A Mahajan	Design and Development of Hydrogen production and utilisation as a fuel in IC engine	Pratham project engineers, gate no-59/1046,chimbali phata pune chakan road -412105	Research
	Mayuresh J Deo				
22	Aniket Suryawanshi	Mr. R N Yerawar	Development of semi active suspension using PID controller	self	Research
	Gaurav Labhade				
	Rishikesh Ghogare				
	Mohini Dahale				
23	Pratik Vinod Dhore	Mr. H S Salave	Experimental Analysis of Singal Cylinder CI Engine using Enriched Biogas	self	Research
	Sharayu Sandeep Kane				
	Shivani Vasant khairnar				
	Ansari Mustafa Nizamudin				
24	Bendale Shubham Jaysing	Mr. B D Nandre	Stress analysis of plate by impacting different particles in slurry erosion	self	Research
	Mandhavkar Manoj				
	Shinde Abhiman Duryodhan				
	Karan Bedmutha				
25	Somnath karbhari Pokharkar	Mr. Sushant S Jadhav	Design and Development of continuously variable transmission test ring	MESCOE	Design
	Vipul Vishnudas Ladda				
	Aaditya Ramesh Sanap				
	Mohit Vijay Gaikwad				
26	Nirajsingh Patil	Mr B R Pujari	Fabrication and Mechanical behaviour of green fiber composite material	self	Product
	Shubham Pachpute				
	Yatiraj Bhagat				
27	Vinay Thorat	Mr. S R Kandharkar	Design of compliant mechanism using topology optimization	self	Design
	Niraj Tanai Bhapkar				
	Sheetal Manik Salunke				
28	Himanshu Avinash Patil	Mr. V. R Varude	Design and Analysis of Non linearity in passive suspension system	self	Design
	Manumohan Nair				
	Vaibhav Tanai Bhilare				
	Shweta Dilip Suryawanshi				
29	Varada Bhushan Limaye	Mr. V S Mane	To Design and analyse the Hydrostatic Drive System required for mobility of Rail Wagon for limited movements	DRDO,Dighi ,pune-411015	Research
	Pranali Vasudev Bhasme				
	Rushikesh Bhanudas Tayade				
	Rakhee Sawarmal Verma				
30	Sahil Sayyad	Mr. V M Suryawanshi	Electricity generation using vortex induced vibrations	self	Application
	Tushar N Pardeshi				
	Shivam Barbate				
31	Monika Ahire	Mrs. S J Chikhale	Experimental testing of bolted joints using biaxial loading	self	Research
	Vrushali Kamble				
	Prajakta Londhe				
32	Rishabh kumar prabhunath Vishwakarma	Mr. N N Kumbhar	Experimental characterization of the mechanical properties of 3D printed parts manufactured by polyamide and fibergass	self	Research
	Jayesh kiran Jadhav				
	Arjun Mansaram Ghotekar				
	Pramod Bhujangro Gaikwad				
33	Parabkar Vikas Ananda	Mrs. P R Magdum	Low cost automation in poly house	self	Application
	Ichake Sanket Sukhadev				
34	Vishwajeet kharade	Mr. C B Meshram	Design and Analysis of Vertical Axis Wind Turbine	Self	Design
	Gaurav Mavi				
	Shantanu Bisht				
	Kunal Jagtap				
35	Dhammadeep Sarkate	Mr. P B Biradar	Non-linear FEA and Experimental Analysis of reinforced bumper	self	Research
	kajol Deepak Kamat				
	Sagar Shankar Jamdade				
36	Ruchita Hemant Sonawani	Mr. S P Patil	Design, analysis and optimization of drag chain conveyor for coal application	Mechatol Engineering solutions ,shantibhan chowk ,Kothrud pune-38	Design
	Priyanka Valmik Ogale				
	Pooja Chandrakant Durge				
	Ankita Sahadu Daphal				
37	Vivek Atre	Mr. P S Pandure	Study of tribological properties of case hardened 20MnCr5 steel and Hardened coated AISI 6063 Aluminium alloy	self	Research
	Akshay Talape				
	kalyani Chaudhari				
	Pravin kokate				
38	Ajinkya motiram Bansode	Mr. A A Patil	Study of tribological performance of brake pad for increase the wear resistance of disc brake	self	Research
	Shubham Vijay Rangate				
	Smita Devidas kate				
	Anuse Vaibhav Dada				
39	Shivam Shamprasad Shinde	Ms. S N Shaikh	Design, analysis and optimization of Robert Evaporator	Mechatol Engineering solutions ,shantibhan chowk ,Kothrud pune-38	Design
	Arti Sunil Bhagat				
	Divya Ashok Bhosale				
	Pallavi Vilas Rakshe				

40	Rasik Ramchandra kulkarni	Mr. A A Chaugule	Design and Development of dies for plastic injection moulding machine	self	Research
	Mallinath Shrishail Utage				
	Viren Balasaheb Yekhe				
	Saurabh Bagade				
41	AKSHAY Gaikwad	Mr. V V Thopte	Dissimilar Metal Welding using Tungsten Inert Gas Welding	self	Research
	Mahesh INGOLE				
	DARSH KHATRI				
	AFFAN MUKADAM				
42	KETAN SONAWANE	Dr. R N Yerawar	Investigation on plate heat exchanger for enhancement of heat transfer characteristics	self	Research
	LALIT SARODE				
	SHUBHAM KHANDELWAL				
	VIHANG SHARMA				
43	Walmik Boyne	Mr. V.V. Thopte	Automatic Pneumatic Bumper for 4-wheeler	self	Product
	Atul Bhagat				
	Vikas Rathod				
44	Abhipray Dhabu	Mr. Sushant Jadhav	Vibration Analysis of Leaf Spring	self	Research